

Application No. 09/555,105 ✓

Please insert the following subheading immediately preceding the tenth paragraph on page

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DETAILED DESCRIPTION

IN THE CLAIMS:

1. (Twice Amended) An electromagnetic field deflecting garment, comprising:
a conducting fabric edged with a lattice fabric;
an electronic circuit operably interconnected to said conducting fabric and said lattice fabric to form a closed circuit, wherein said electronic circuit is operable to dispel an electromagnetic signal received at said garment through a Joule effect.

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2. (Twice Amended) A garment according to claim 1, wherein said conducting fabric is a knitted fabric with filaments consisting of conductive material disposed parallel to each other.

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3. (Twice Amended) A garment according to claim 1, wherein said lattice fabric has filaments of conductive material disposed in a cross-linked lattice.

4. (Twice Amended) A garment according to claim 1, wherein said electronic circuit is a parallel resonator at a predetermined cutting frequency and predetermined resonance frequency.

5. (Twice Amended) A garment according to claim 4, wherein said parallel resonator consists of the connection in parallel of an inductance, a first and a second capacitance decoupled by a diode, and a resistance, said parallel resonator being coupled to the conductive fabric by means of a coupling capacitance.

6. (Twice Amended) A garment according to claim 5, wherein said inductance is about $10\ \mu\text{H}$, the first capacitance is about $20\ \text{pF}$, the second capacitance is about $10\ \mu\text{F}$, the diode is the model 1N32A, the resistance is about $2\ \text{M}\ \Omega$ and the coupling capacitance is about $100\ \text{pF}$.

7. (Twice Amended) A garment according to claim 1, wherein grounding of the electronic circuit is achieved by means of a cord protruding from the garment and made of conductive material.

8. (Twice Amended) A garment according to claim 1, wherein a microamperometer is connected to said electronic circuit allowing the intensity of the electromagnetic field absorbed by the garment to be displayed.

9. (Twice Amended) A garment according to claim 1, wherein said garment is a jacket.

10. (Twice Amended) A garment according to claim 9, wherein said jacket comprises a housing to hold objects, a housing to contain the microamperometer and a housing to contain the electronic circuit.

11. (Twice Amended) A garment according to claim 1, wherein said garment is a hat.

12. (Twice Amended) A garment according to claim 11, wherein said electronic circuit is positioned inside the hat.

13. (New) A garment according to Claim 4, wherein said predetermined cutting frequency is about $7\ \text{MHz}$.